

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/002389

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl.⁷ C07D207/16, 403/12, 401/12, 417/12, 401/14, 405/12, 417/14,
409/12, 413/12, A61K31/4192, 31/427, 31/4439, 31/55, 31/428,
31/433, 31/4245, 31/4025, 31/454, 31/496, 31/5377, A61P3/10,

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl.⁷ C07D207/16, 403/12, 401/12, 417/12, 401/14, 405/12, 417/14,
409/12, 413/12, A61K31/4192, 31/427, 31/4439, 31/55, 31/428,
31/433, 31/4245, 31/4025, 31/454, 31/496, 31/5377, A61P3/10,

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAPLUS (STN), CAOLD (STN), REGISTRY (STN), MEDLINE (STN), EMBASE (STN),
BIOSIS (STN)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/193390 A1 (NOVARTIS A.-G.), 19 December, 2002 (19.12.02), Page 14, Par. No. [0187]; page 15 & WO 2001/096295 A2 & CA 2411778 A & EP 1296974 A2 & JP 2004-503531 A & US 6432969 B1	1-8
Y	JP 2003-520849 A (Novo Nordisk A/S), 08 July, 2003 (08.07.03), Pages 32, 59 & WO 2001/055105 A1 & US 2001/031780 A1 & WO 2001/062266 A2 & JP 2003-523396 A & US 2001/025023 A1 & US 2002/103384 A1	1-8

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
11 March, 2005 (11.03.05)

Date of mailing of the international search report
29 March, 2005 (29.03.05)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

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PCT/JP2005/002389

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>JP 2002-356472 A (Tanabe Seiyaku Co., Ltd.), 13 December, 2002 (13.12.02), Pages 48 to 62, 64 to 68, 70, 72 to 73, 87 to 103, 10</p> <p>& JP 2002-356471 A & WO 2002/030891 A & AU 2001094197 A & CA 2424600 A & BR 2001014436 A & EP 1325910 A1 & NO 2003001490 A & US 2004/063935 A1 & US 6849622 B2 & JP 2004-035574 A & US 2004/229926 A1</p>	1-8
Y	<p>JP 2004-503531 A (Novartis AG.), 05 February, 2004 (05.02.04), Page 35, J, K; page 17</p> <p>& WO 2001/096295 A2 & CA 2411778 A & EP 1296974 A2 & US 6432969 B1 & US 2002/193390 A1</p>	1-8
Y	<p>JP 2004-002367 A (Tanabe Seiyaku Co., Ltd.), 08 January, 2004 (08.01.04), Pages 18 to 20, 36 to 45 (Family: none)</p>	1-8
Y	<p>JP 2004-002368 A (Tanabe Seiyaku Co., Ltd.), 08 January, 2004 (08.01.04), Pages 56, 77, 39 to 47 (Family: none)</p>	1-8
Y	<p>WO 2004/009544 A1 (Yamanouchi Pharmaceutical Co., Ltd.), 29 January, 2004 (29.01.04), Page 29, Nos. 23, 28; page 30, Nos. 30, 32, 38; pages 11 to 12</p>	1-8
Y	<p>WO 2003/106456 A2 (SANOFI-SYNTHELABO), 24 December, 2003 (24.12.03), Page 34, No. 39 & WO 2003/106456 A3</p>	1-8

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/002389

Continuation of A. CLASSIFICATION OF SUBJECT MATTER
(International Patent Classification (IPC))

Int.Cl⁷ 7/00, 7/10, 9/12, 13/08, 17/06, 19/02, 19/10, 25/28, 29/00,
31/04, 31/18, 35/04, 37/06, 37/08, 43/00

(According to International Patent Classification (IPC) or to both national
classification and IPC)

Continuation of B. FIELDS SEARCHED

Minimum documentation searched (International Patent Classification (IPC))

Int.Cl⁷ 7/00, 7/10, 9/12, 13/08, 17/06, 19/02, 19/10, 25/28, 29/00,
31/04, 31/18, 35/04, 37/06, 37/08, 43/00

Minimum documentation searched (classification system followed by
classification symbols)